

FTC921 SMS/GPRS Commands

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Commands apply for these devices:

[FTC921](#) [FTC961](#) [FTC881](#)

All commands are case sensitive. When user tries to send SMS/GPRS message to device that operates in Deep Sleep mode, it cannot arrive to it because the GSM/GPRS module is disabled most of the time. Device will receive the SMS message when it exits Deep Sleep mode, but GPRS commands will not be received after exiting Deep Sleep Mode.

If the device is in GPS Sleep or Online Deep Sleep mode, sent SMS/GPRS message will arrive to the device.

SMS command structure:

<SMS password><space><command><space><value>

SMS command [getinfo](#) example:

- If you have set SMS password: password getinfo
- If SMS password is not set leave one space before command: getinfo

GPRS commands require [Codec 12](#) protocol.

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Common commands

Command	Description	Response	HW Support	Parameter Group
getinfo	Device runtime system information.	Yes	FTXXXX FTC921 FTC961 FTC881	Common commands
getver	Returns code version, device IMEI, modem app version, RTC time, Init time, Uptime and BT MAC address.	Yes	FTXXXX FTC921 FTC961 FTC881	Common commands
getstatus	Modem Status information.	Yes	FTXXXX FTC921 FTC961 FTC881	Common commands
getgps	Current GPS data, date and time.	Yes	FTXXXX FTC921 FTC961 FTC881	Common commands
getio	Readout analog input,digital input and output.	Yes	FTXXXX FTC921 FTC961 FTC881	Common commands
gmap	Returns location information with Google maps link.	Yes	FTXXXX FTC921 FTC961 FTC881	Common commands
readio #	Returns IO status, # AVL ID.	Yes	FTXXXX FTC921 FTC961 FTC881	Common commands
conreset	Resets device	No	FTXXXX FTC921 FTC961 FTC881	Common commands
fwinfo	Get data about FW and restarts	Yes	FTXXXX FTC921 FTC961 FTC881	Common commands

getrecord	SMS command initiates saving and sending of high priority record.	No	FTXXXX ETC92A ETC36A ETC88A	Common commands
getmsccid #	Response is sent to SMS/GPRS command sender and also to GSM number provided. # - GSM number using international format e.g. 37069012345	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
getmsi	Sends the IMSI number of the SIM card inserted as a response to the sender. If two SIM cards are inserted in the device, the response will be the IMSI number of the currently active SIM card. Note: This command is supported from 03.10.02 firmware version.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
getver	Responds with information about hardware and firmware versions and storage space	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
getparam #	Returns selected parameter value. # - first ID value; # - second ID value; # - third ID value. SMS command is limited to 160 characters.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
setparam #:#...	Sets selected parameter value	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
setparam #:#	[Parameter ID] ; [New Parameter Value] ; [Parameter ID] ; [New Parameter Value]...	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
setparam #:#:#:#...	SMS command is limited to 160 characters. Redirects device to other server. 1.# - IMEI. 2.# - APN. 3.# - LOGIN. 4.# - PASS. 5.# - IP. 6.# - PORT. 7.# - MODE (0-TCP/1-UDP).	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
flash #:#:#:#:#:#		Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
countrecs	Returns records number.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
web_connect	Forces device to connect to Fota WEB immediately.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
deleterecords	Delete all records from SD card.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
setdout # # Y1 Y2 Z1 Z2	Set digital output. 1.# - 0, 1 or ? (0 - OFF, 1 - ON, ? - ignore) for DOUT1. 2.# - 0, 1 or ? (0 - OFF, 1 - ON, ? - ignore) for DOUT2. Y1 - timeout value for DOUT1 if needed (in seconds). Y2 - timeout value for DOUT2 if needed (in seconds). Z1 - maximum speed value for DOUT1 if needed. Z2 - maximum speed value for DOUT2 if needed.	Yes	FTXXXX Template:FTXXXX_HW_with EG11A	Common commands
setdoutout # # # Y1 Y2 Y3	Set digital output when ignition is off. 1.# - 0, 1 or ? (0 - OFF, 1 - ON, ? - ignore) for DOUT1. 2.# - 0, 1 or ? (0 - OFF, 1 - ON, ? - ignore) for DOUT2. 3.# - 0, 1 or ? (0 - OFF, 1 - ON, ? - ignore) for DOUT3. Y1 - timeout value for DOUT1 if needed (in seconds). Y2 - timeout value for DOUT2 if needed (in seconds). Y3 - timeout value for DOUT3 if needed (in seconds).	Yes	FTXXXX Template:FTXXXX_HW_with EG11A	Common commands
battery	Returns battery state info.	Yes	FTXXXX Template:FTXXXX_HW_with battery	Common commands
wefog	Returns all information about 'watch dogs'	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
defaultfg	Load default configuration.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
setkey # #	Add new or change current configuration keyword. If device is locked, keyword cannot be changed. 1.# - old keyword (if adding new keyword space). 2.# - new keyword.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
delkey #	Remove existing keyword (if device is locked, keyword cannot be changed). # - old keyword.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
lhwof #	Return black box information (HEX value of event ID and HEX value of custom data field (optional)). # - returns entered number of latest events. When # is omitted the latest events are packed to single SMS.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
lhwof #	Return same information as lhwof command but additional all events timestamp is written in HEX. # - returns entered number of latest events. When # is omitted the latest events are packed to single SMS.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands
sdformat	Format SD card.	Yes	FTXXXX ETC92A ETC36A ETC88A	Common commands